



SUBMARINE
SUB MECHANICAL
(2MM)
Checklist

UPDATED October 2015

SAFETY REVIEW ITEMS - SUB MECHANICAL

A. DIESEL ENGINE

1. (B1B0) Is a crankcase explosion sign posted on the diesel requiring a 30 min wait prior to opening the crankcase? (NA 776 class)
REF: NSTM 233 233-13.2.1.5

C R NA UA PF
☐ Repeat
☐ Significant
☐ PMS

B. HDR ATENNA

2. (B2A0) Is a warning plate installed (688) in the CRAC adjacent to HE-2 and HE-28 stating: "Warning - Do not place HE-2 in the vent position with HE-28 not shut, unless venting air from HDR system per applicable SSM?"

REF: Control 688 Only

RLAR PYR-14081 Source Document is PY-46084

C R NA UA PF
☐ Repeat
☐ Significant
☐ PMS

C. CHLORATE CANDLES

3. (C1A0) Are the chlorate candles being stowed in clean, dry and cool (under 100 degrees) areas that are free from oil, water and dirt contamination?

REF: NSTM 550 550-5.8.3

OPNAVINST 5100.19E D15

MIP 5154/009 Q-1

Sub Atmosphere Control Manual Paragraph 5-2.4.2 (a) & (c)

C R NA UA PF
☐ Repeat
☐ Significant
☐ PMS

4. (C1B0) Is the candle stowage area conspicuously marked so that special action may be taken in the event of fire within the compartment?

REF: NSN 9905-01-342-4851 10"x7"

NSTM 550 550-5.8.3

NSN 9905-01-342-4858 3"x5"

C R NA UA PF
☐ Repeat
☐ Significant
☐ PMS

D. TRASH COMPACTOR

5. (D2A0) Is the material condition satisfactory? (No latches missing, excessively worn, or broken, barrel not misaligned, interlocks operational)

REF: MIP 5934/9R2 688 Class
MIP 5934/9R1 726 Class
MIP 5934/9R3 21 & 774 Class

C R NA UA PF
☐ Repeat
☐ Significant
☐ PMS

6. (D2B0) Is the trash compactor operating instructions posted?

REF: OPNAVINST 5100.19E D0805

C R NA UA PF
☐ Repeat
☐ Significant
☐ PMS

7. (D2C0) Are gloves, goggles, and apron available for compacting operations?

REF: OPNAVINST 5100.19E D0805.a
OPNAVINST 5100.19E D0805.h

C R NA UA PF
☐ Repeat
☐ Significant
☐ PMS

E. TRASH DISPOSAL UNIT

8. (D3B0) Are operating instructions posted?

REF: OPNAVINST 5100.19E D0805.i

C R NA UA PF
☐ Repeat
☐ Significant
☐ PMS

F. PERSONNEL HAZARDS - EYE PROTECTION

9. (G2A0) Are transparent, non-shatter eye shields mounted over the wheels of the bench grinder?

REF: OPNAVINST 5100.19E D0804

C R NA UA PF
☐ Repeat
☐ Significant
☐ PMS

10. (G2B0) Eye protection in the vicinity of the grinder?

REF: OPNAVINST 5100.19E D0804

C R NA UA PF

☐ Repeat

☐ Significant

☐ PMS

11. (G2C0) Is the point of operation guard (chip shield) installed on the drill press and lathe?

REF: Phone # 1-800-922-7533

Government Source Rockford System, INC

OPNAVINST 5100.19E D0804

Sales@Rockfordsystems.com

C R NA UA PF

☐ Repeat

☐ Significant

☐ PMS

G. PERSONNEL HAZARDS - FREON HAZARD

12. (F3A1) Are personnel who perform maintenance on air conditioning and refrigeration equipment certified on handling, recovery and recycling of ODS?

REF: OPNAVINST 5090.1C ch.1 22-4.3.3.3

C R NA UA PF

☐ Repeat

☐ Significant

☐ PMS

H. PERSONNEL HAZARDS - NITROGEN CHARGING EQUIPMENT

13. (G8A0) Is nitrogen charging equipment in good repair and without evidence of contamination. (open ending piping bagged, gages in cal, relief valve set)

REF: NSTM 550 550.7.22.5d

MIL-STD-1330C

C R NA UA PF

☐ Repeat

☐ Significant

☐ PMS

I. PERSONNEL HAZARDS - NON-SKID STRIPS/SAFETY TAPE

14. (G3A0) Are non-skid strips and striped yellow and black tape on deck in front of lathe, drill press and bench grinder? (Diamond tread does not satisfy requirement)

REF: Deck Strips 7220-00-205-0389

Stripped Yellow and Black 9905-01-342-5933

Checkerboard Yellow and Black 9905-01-342-5934

OPNAVINST 5100.19E D0105 b.(3) & D0804

C R NA UA PF

☐ Repeat

☐ Significant

☐ PMS

J. PERSONNEL HAZARDS - SAFETY PRECAUTION SIGNS

15. (G1A2) Are safety precaution and eye hazard signs posted for the lathe, bench grinder, and drill press?

REF: Drill Press Sign 0118LF1143000

Lathe Sign 0118LF1152900

Bench Grinder Sign 0177LF2253601

OPNAVINST 5100.19E D0804

OPNAVINST 5100.19E D0804. (a)18

Eye Protection Sign NSN 9905-01-100-8203

C R NA UA PF

☐ Repeat

☐ Significant

☐ PMS

K. TESTING - OXYGEN GENERATOR CELL REMOVAL RIG

16. (G9A0) Is the cell lifting rig weight tested and in periodicity (48 months)? (NA for 776 Class)

REF: JFMM Volume V Paragraph 7.3.1

MIP 5154/903 48M-3

C R NA UA PF

☐ Repeat

☐ Significant

☐ PMS

S. HATCHES AND DOORS

17. (S1A0) Are the maneuvering doors and gaskets in good condition? (clean of dirt, debris, and paint)

REF: MIP 1671/MRC S-2 INSPECT MANEUVERING DOORS

C R NA UA PF

☐ Repeat

☐ Significant

☐ PMS

18. (S1B0) Are the gaskets on flood control doors in good condition. Do the flood control doors lock when their latches are released?
(N/A for SSBN 726 Class as no spring tensioner installed)

REF: MIP 1671/ MRC 36M-4 INSPECT FLOOD CONTROL DOORS

C R NA UA PF

☐ Repeat

☐ Significant

☐ PMS

SUB MECHANICAL

COMMAND NAME:

LOCATION:

UIC:

DATE:

SURVEYOR(S):

NO. COMPLETE:

NO. REQ ACTION:

NOT APPLICABLE:

Q #	Question	Result			Sig	Rep
1	2MMB1B0	C	R	N		
2	2MMB2A0	C	R	N		
3	2MMC1A0	C	R	N		
4	2MMC1B0	C	R	N		
5	2MMD2A0	C	R	N		
6	2MMD2B0	C	R	N		
7	2MMD2C0	C	R	N		
8	2MMD3B0	C	R	N		
9	2MMF3A1	C	R	N		
10	2MMG1A2	C	R	N		
11	2MMG2A0	C	R	N		
12	2MMG2B0	C	R	N		
13	2MMG2C0	C	R	N		
14	2MMG3A0	C	R	N		
15	2MMG8A0	C	R	N		
16	2MMG9A0	C	R	N		
17	2MMS1A0	C	R	N		
18	2MMS1B0	C	R	N		